

MORRIS

Quick Start User Guide

X30/X35 SYSTEM

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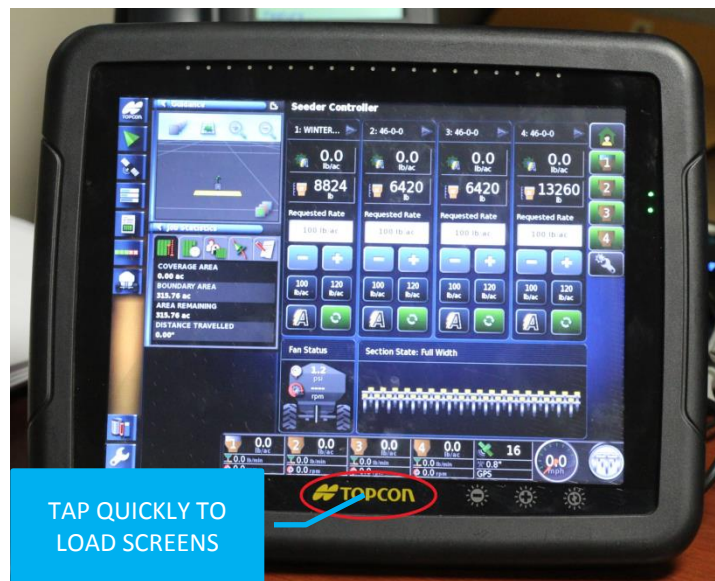
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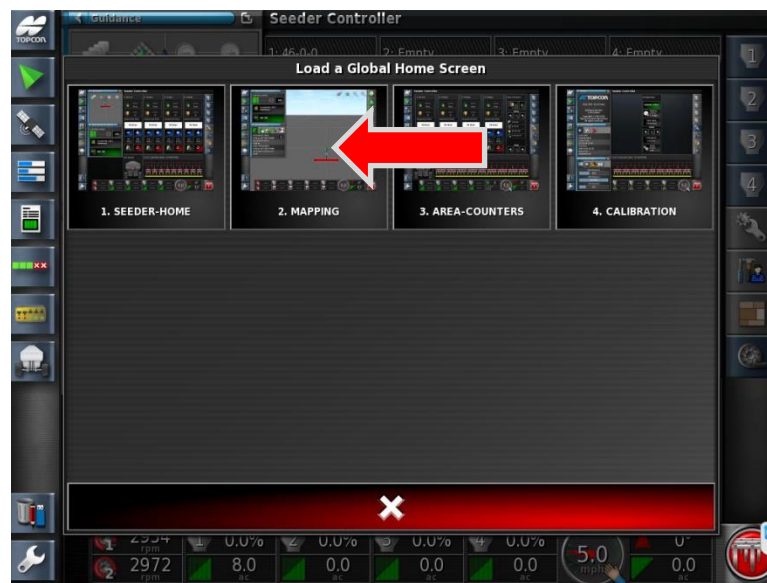
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1 – Field Creation



1. Enter the Mapping Screen, (press Topcon Logo to bring up the Global home Screen menu).
X35 - Swipe to bring up Global Home Screens.

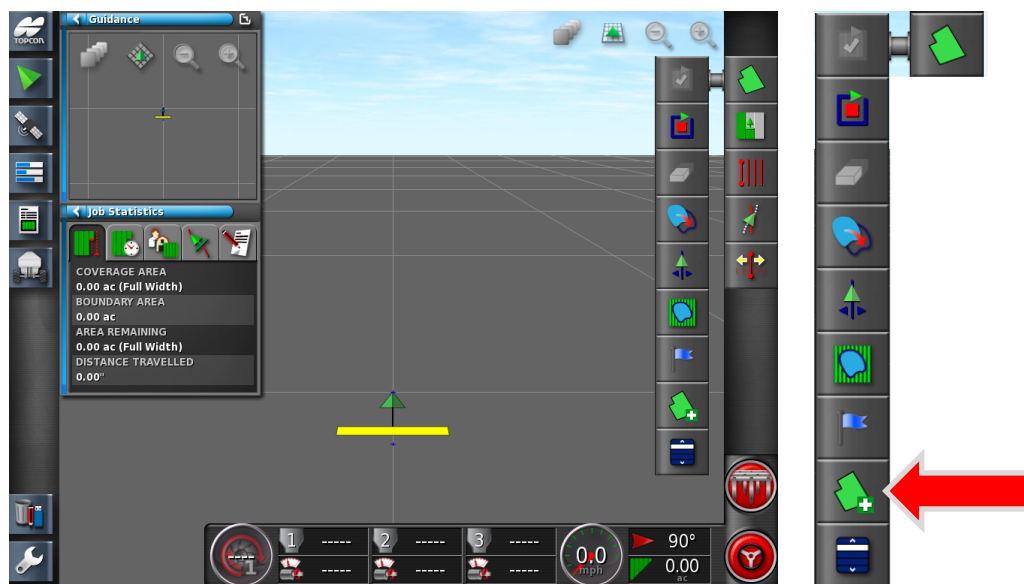


2. Select **MAPPING**

1 – Field Creation



3. You may not have a yellow implement toolbar on your screen at this time. It will only appear if your GPS is configured properly. It is not needed at this time of the lesson.

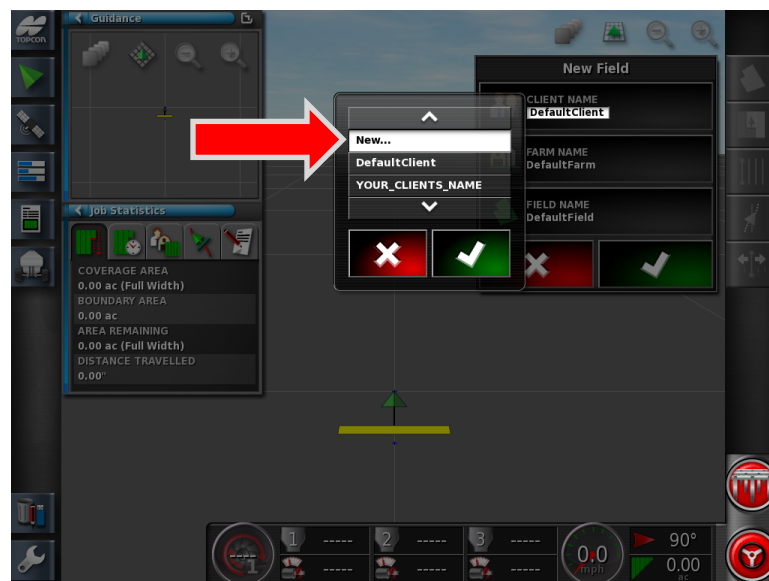


4. Expand the **Field Menu** icon and press the **Create a New Field** icon.

1 – Field Creation

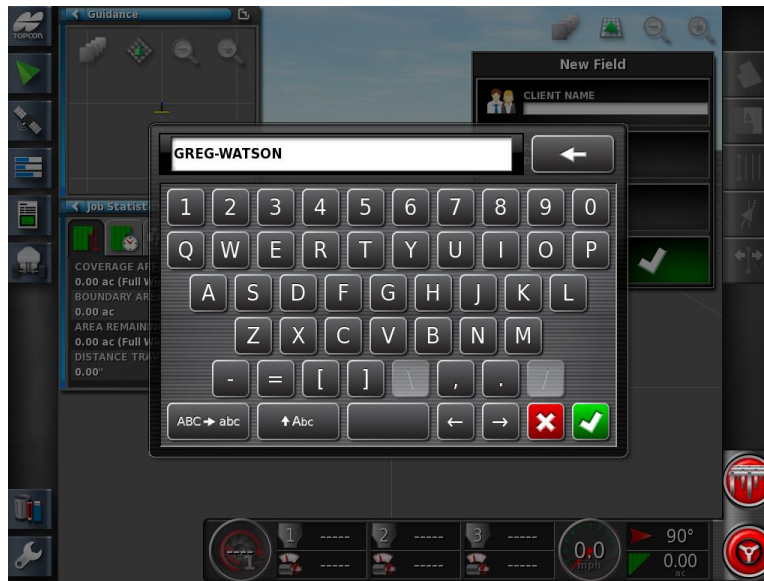


5. Press the on **Client Name** tab.



6. Select **New...** Apply the setting with the Green Check box.

1 – Field Creation



7. Enter a Name for the Client. **Always use – no spaces.**



8. Press on the **Farm Name <Create New>** tab.

1 – Field Creation

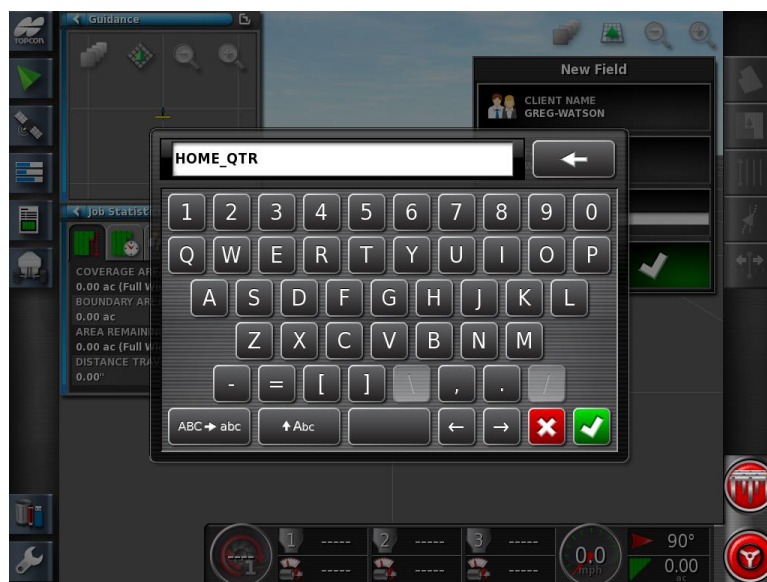


9. Enter the farm name. Apply the setting with the Green Check box.



10. Press on the **Field Name <Create New>** tab.

1 – Field Creation



11. Enter the name of your first field. Apply the setting with the Green Check box.



12. Review the information you entered, apply and save the changes with the **Green check** mark. Once the Green check mark is pressed the field information has been saved.

1 – Field Creation



13. You will now return to the Mapping screen.



14. At this time it is recommended to enter all of your fields into the monitor's memory. Simply press the **Create new field** icon once again to add another field.

1 – Field Creation



15. This time only touch the **Field Name**.



16. Press the **Backspace** button to delete the old name.

1 – Field Creation

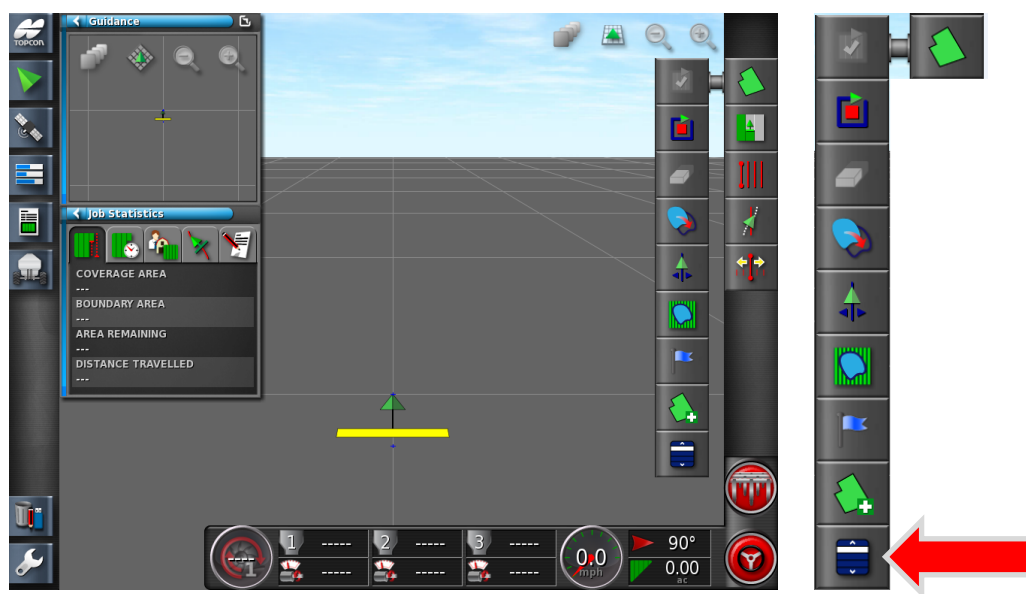


17. Enter the new field name. Use nick names or Land location. Apply with the Green Check mark.



18. Apply the new Field Name with the Green Check mark. The field has now been saved. Repeat the above procedure to add all of your remaining fields into the X30's memory. Note: Remember you must press the Green Check mark to save the field name.

1 – Field Creation



19. Once you are finished entering your fields Press the **Select Field** icon.

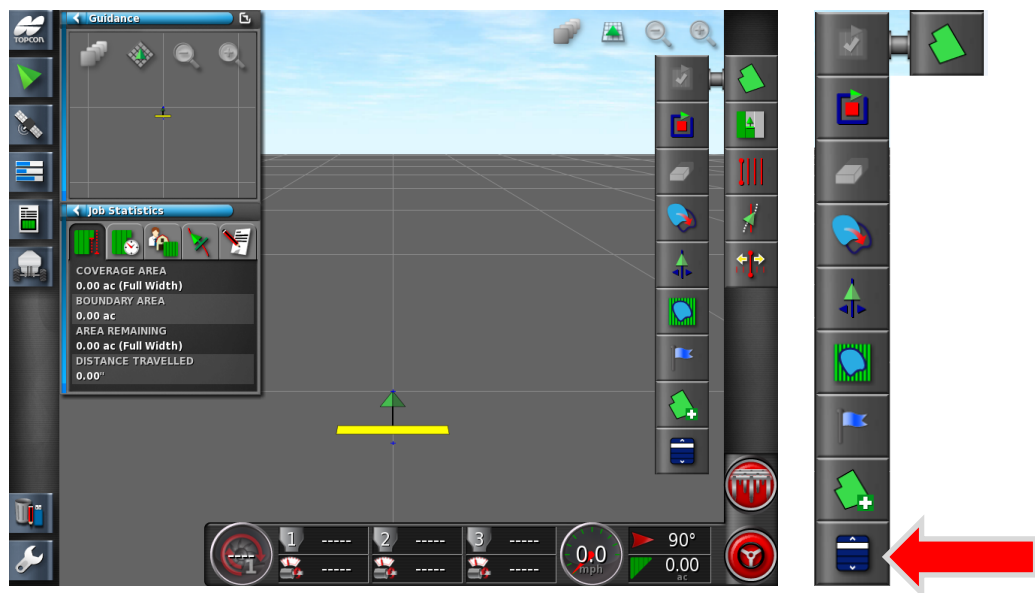


20. The fields we created are in the list. Notice how the last field we created has the Green Check beside it. Select the Field you wish to seed first. Press the Green Check mark to apply the settings.

-Proceed to Job Creation-

Notes:

2 – Job Creation

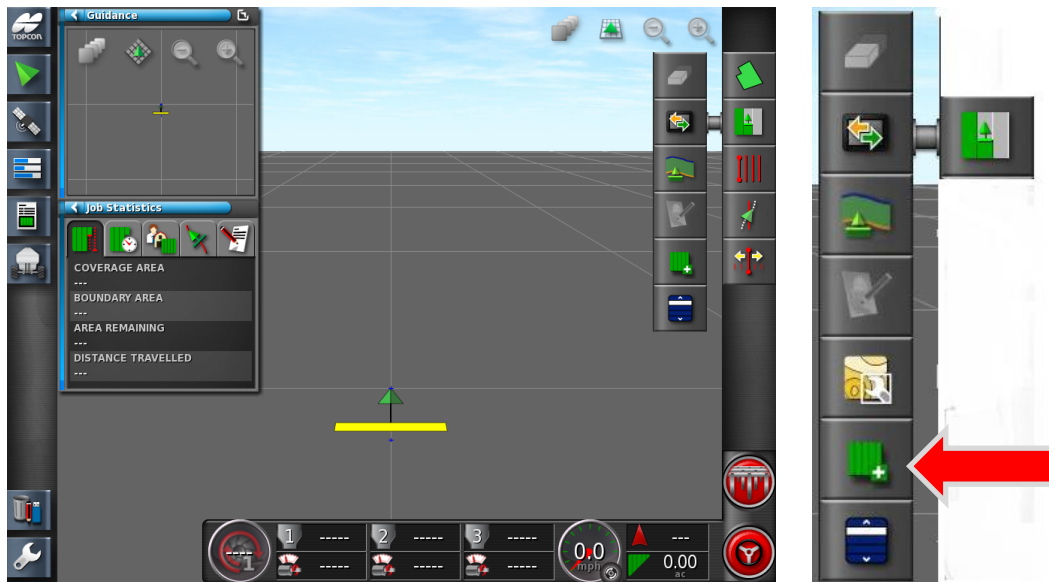


1. Open the Field Menu - Press the **Select Field** icon.



2. **Select the Field** you wish to seed. Press the Green Check mark to apply the settings.

2 – Job Creation

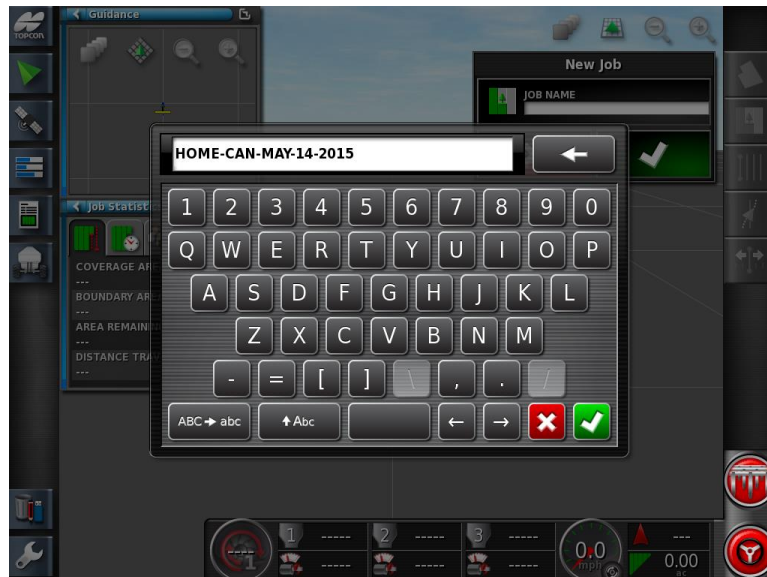


3. Press the **Job menu icon**, and press the **Create New Job** icon.



4. Tap on the **Job name**.

2 – Job Creation



5. Press backspace to rename the job to match the current **Field and Date**. Example: **HOME-MAY-CAN-14-2015**; apply the settings with the green Check mark.



6. Confirm and **apply** the settings with the **Green Check** mark.

2 – Job Creation



7. Press the **Job Setting** on the Job Statistics mini view to review that the Job information and Field are correct.
8. Proceed to -Add product to tanks.

Notes:

3 – Create Product



1. Expand the Tank you wish to add the Product into.



2. Press on the **Top area** of the Tank- to open the Product Configuration Window

Note: You must have the Tank full expanded.

3 – Create Product

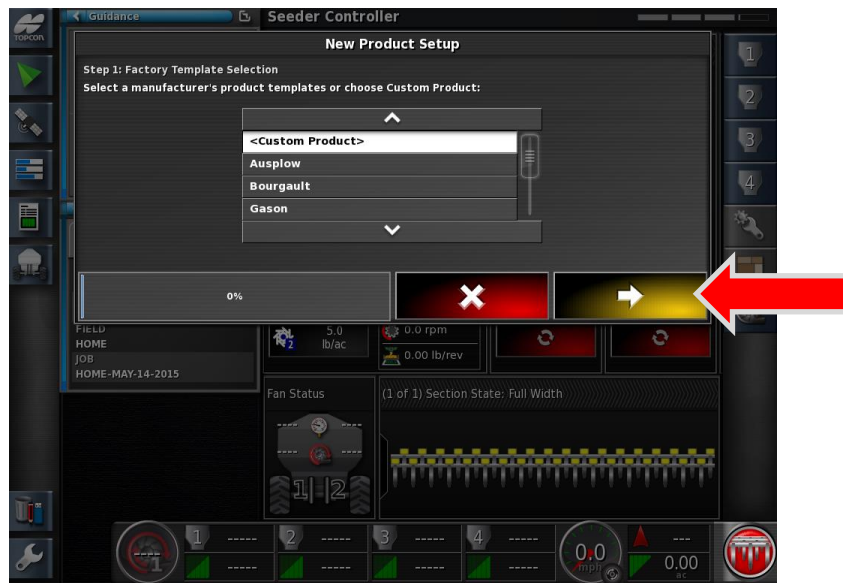


3. Press on the **Product Name Window**.



4. Select **New Product**.

3 – Create Product

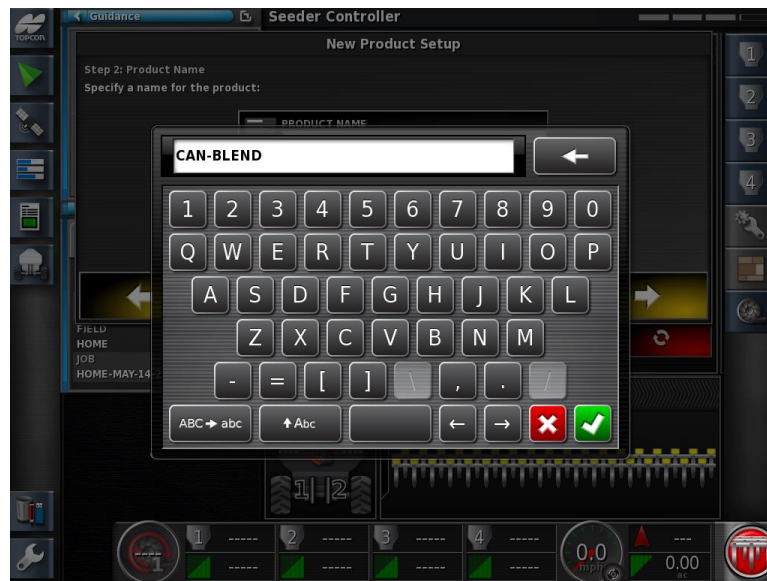


5. Chose **Custom Product**, proceed by pressing the Yellow forward arrow after each step.



6. Tap on the **PRODUCT NAME**.

3 – Create Product

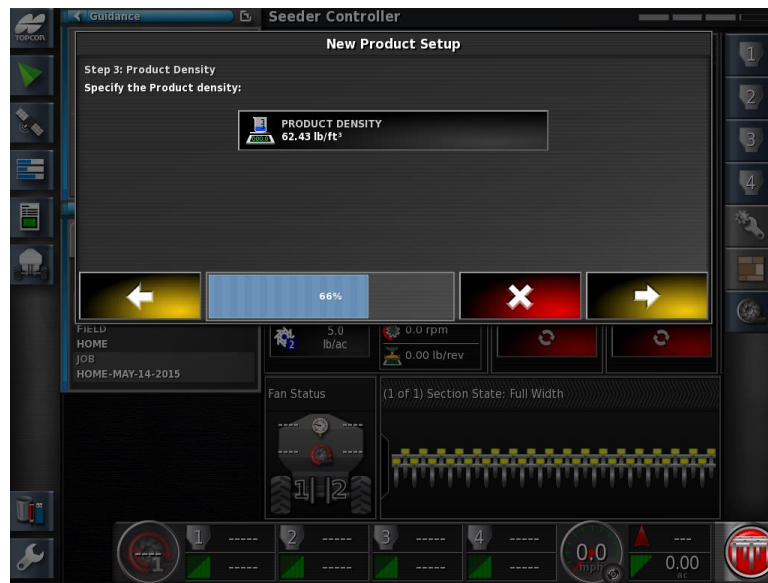


7. Enter a product name, as an example we are using **CAN-BLEND**.



TIP: we use an abbreviation of the word Canola, this because when the tanks are collapsed on the SEEDER-HOME screen the names become shortened. CANOLA-BLEND would appear as CANOLA... Thus causing confusion as to which is the SEED and which is the Fertilizer.

3 – Create Product



8. Enter Product **Density** (The density of the product can be requested by the distributor of the seed or fertilizer). Note: The X30 default rate is Pounds Per Cubic Foot. These settings can be changed in Regional Units.



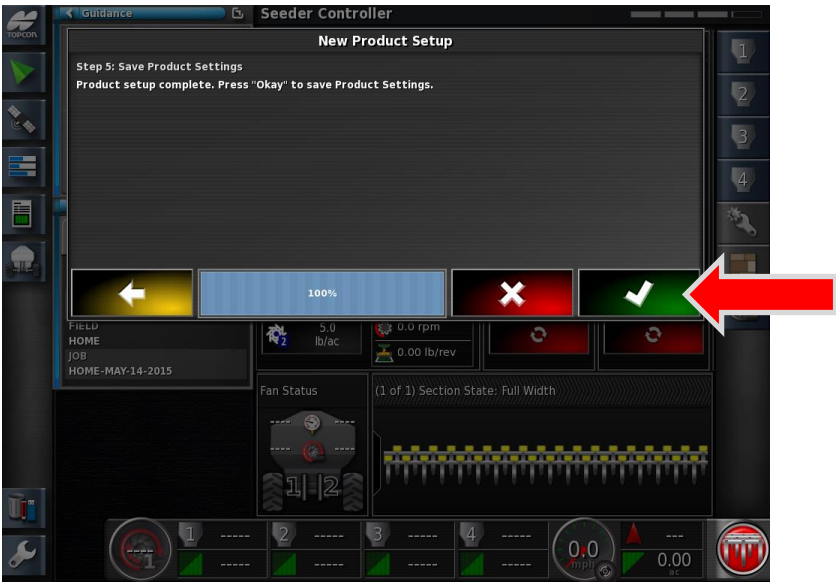
9. Enter Product **Rate increment** and **Preset Rates**.

Rate increment- Used for quickly bumping the rates up or down (+/-) while moving.

Preset 1 – Enter the desired rate you will be seeding at.

Preset 2 - Used to split the rate if you have the same product in the Front and Rear Tanks.

3 – Create Product



10. Proceed by touching the Green Check box.



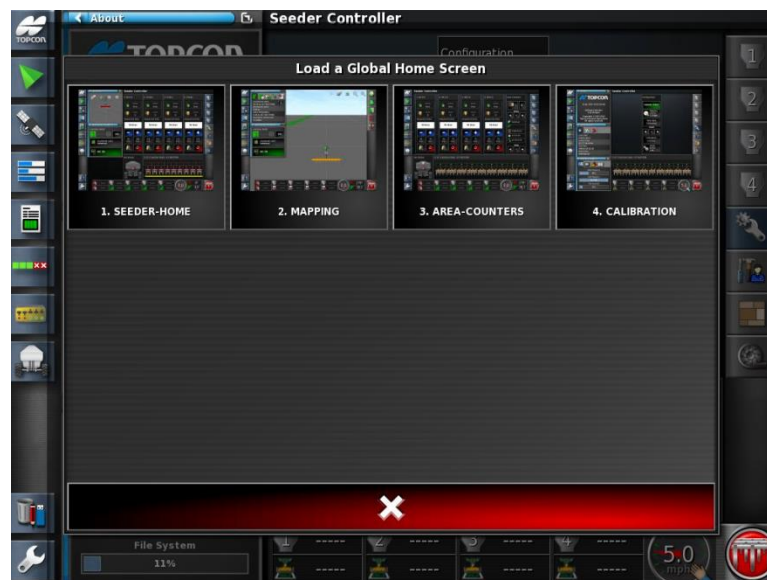
11. Review the product data. Apply with the Green Check mark.

Notes:

4 - Adding Products to Tanks



1. Press the **Yellow Topcon logo** to bring up **Global home Screen menu**.
X35 - swipe to bring up Global Home Screens.



2. Select **1.Seeder-Home**

4 - Adding Products to Tanks



3. Expand the Tank you wish to add the Product into by pressing on the top Band.

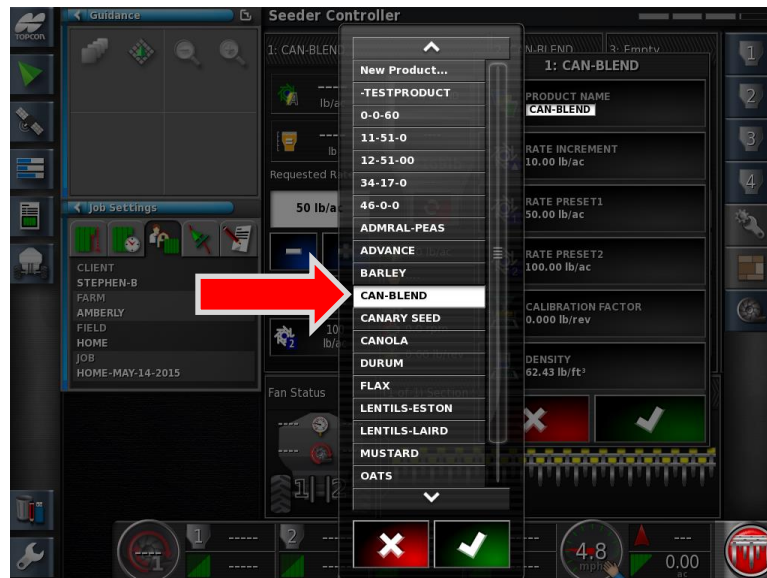


4. Press on the **Top Area** of the Tank – to open the Product Configuration Window.

4 - Adding Products to Tanks



5. Press the **Product Name <Select Product>** tab.



6. **Select Product** from the list. Proceed by pressing with Green check mark.

4 - Adding Products to Tanks



7. Review the **Rate Presets** and **Rate Increment** settings.



8. *****ENSURE A CALIBRATION FACTOR IS ENTERED*****

Note: If this is the first time using this product you will need to add a calibration factor.

Simply press on the Calibration Factor window, if a Calibration Factor is already present **skip to Step 13**.

4 - Adding Products to Tanks



9. Press **Manual Entry**



10. Press the Cal Factor Icon.

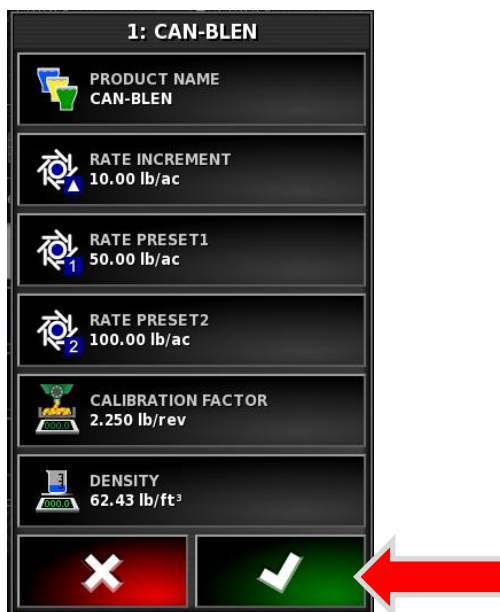


11. Using the keypad enter the following Cal factor **2.25 lb/Rev**

4 - Adding Products to Tanks

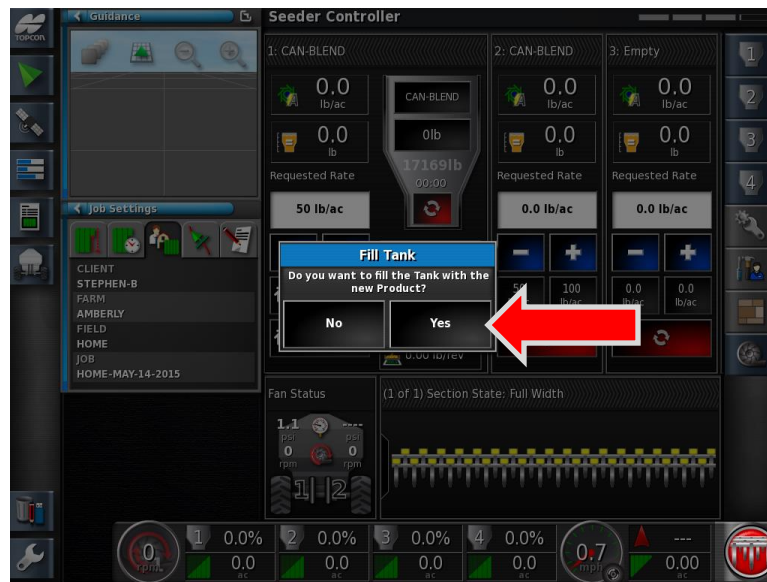


12. Review the Cal Factor is set, press the Green checkmark.

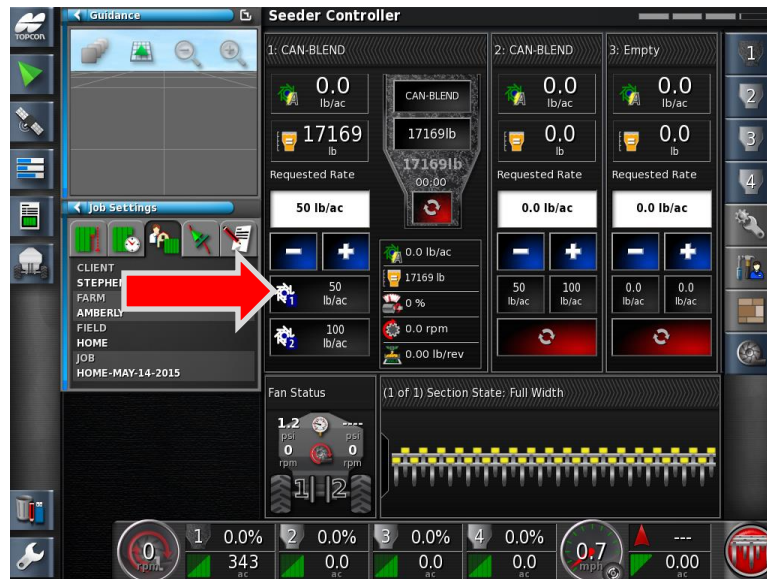


13. Review the settings are correct press the Green Checkmark.

4 - Adding Products to Tanks



14. Do you want to fill the Tank with the New Product? **Yes**



15. **Tank 1:** has been filled with the desired product **CAN-BLEND**. Press the **Request Application Rate Preset 1** to use the default preset information. Note: The **Requested Rate** window now shows 50lb/ac.

4 - Adding Products to Tanks



16. Minimize Tank 1 and Expand Tank 2.



17. Add a Product to Tank 2.

4 - Adding Products to Tanks



18. Select the Product from the list. Proceed by pressing with Green check mark.



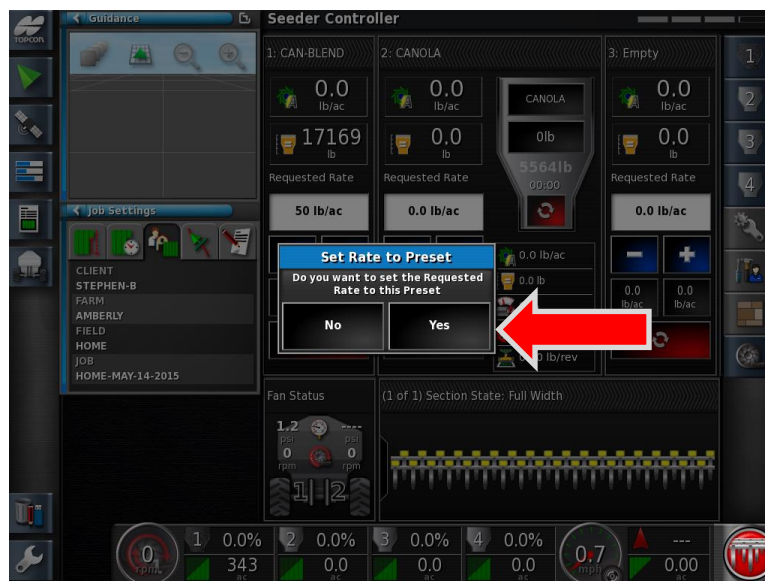
19. Review the Rate Presets and Rate Increment settings, proceed.

4 - Adding Products to Tanks



20. Do you want to fill the Tank with the New Product? **NO**

***Since we are adding Canola to the tank we will use a different fill method.**



21. Set Rate to Preset- Yes.

4 - Adding Products to Tanks



22. Press the **Open Tank Fill Window**.



23. Press the **Weight** icon.

4 - Adding Products to Tanks



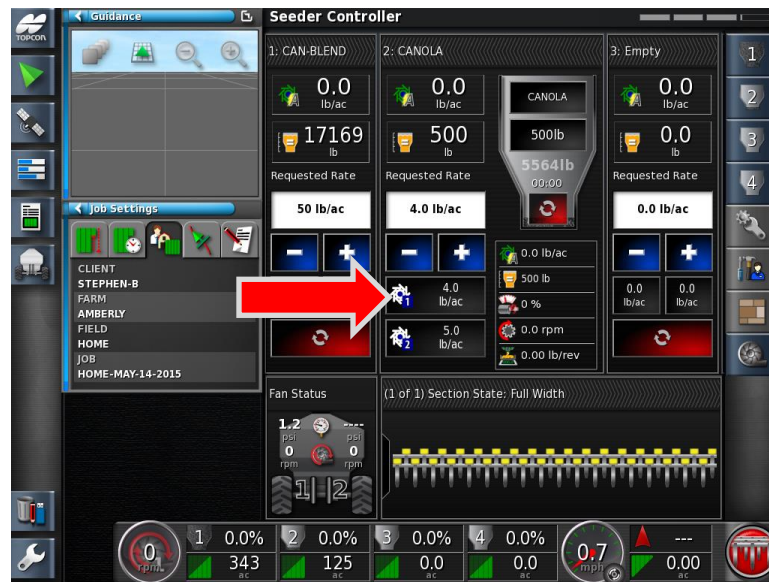
24. Using the keypad enter the **Weight manually**. Proceed by pressing the Green Check mark.

Example: We added **10 bags** of Canola at **50lbs per bag = 500lbs**.



25. As you can see the weight is now 500lbs. Apply the weight with the Green Check mark.

4 - Adding Products to Tanks



26. Tank 2: has been filled with the desired product **CANOLA**. Press the **Request Application Rate Preset 1** to use the default preset information. Note: The requested Rate window now shows **4.0lb/ac**.



27. Continue to add products into **Tanks 3, and 4** following the desired procedures.

4 - Adding Products to Tanks

Notes:

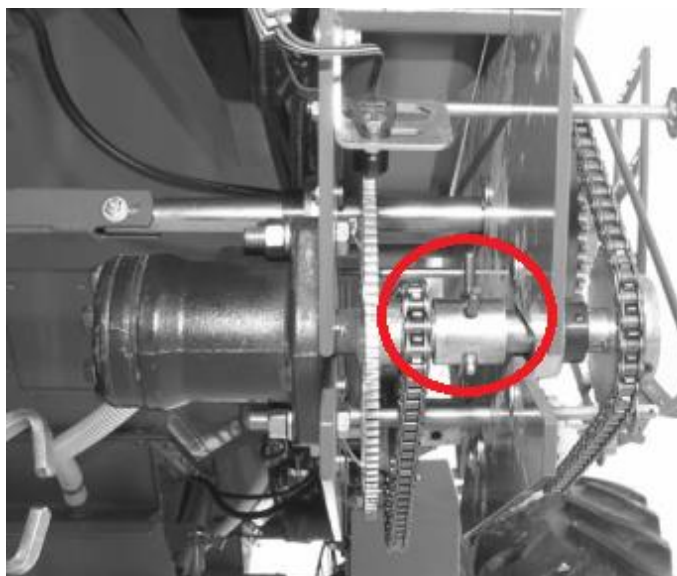
5 - Calibration

**NOTE: BEFORE STARTING A CALIBRATION ENSURE THAT THE PRODUCT HAS A CAL FACTOR ASSIGNED.
REFER TO: ADDING PRODUCT TO TANK - CHAPTER 6**



1. Divert hydraulic Flow from Fan
2. Adjust product diverters to Calibration setting (add picture)
3. Insert the Calibration deflector.
4. Slide sample collection tray onto collector.

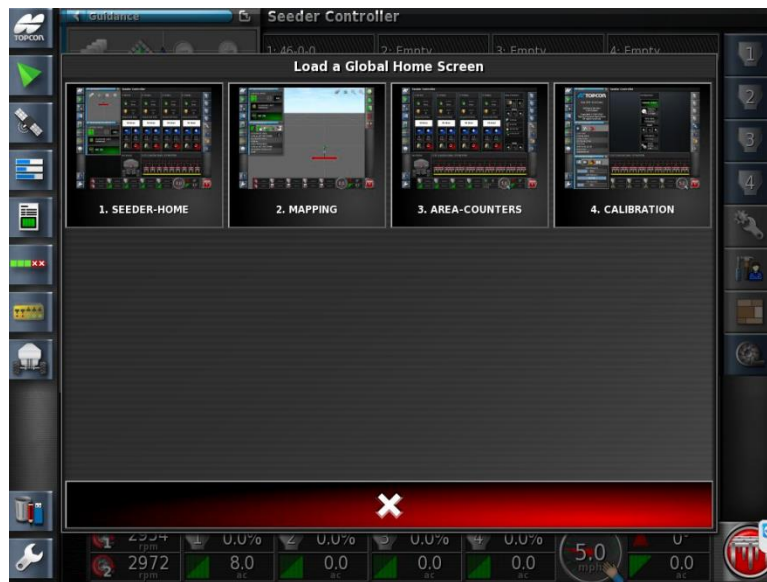
5 – Calibration



5. Adjust the transmissions by moving the locking pin from **Direct Drive** to **Slow Speed Drive**.
(DIRECT DRIVE SHOWN) ENSURE THE TRACTOR IS NOT RUNNING WHILE REMOVING PINS!

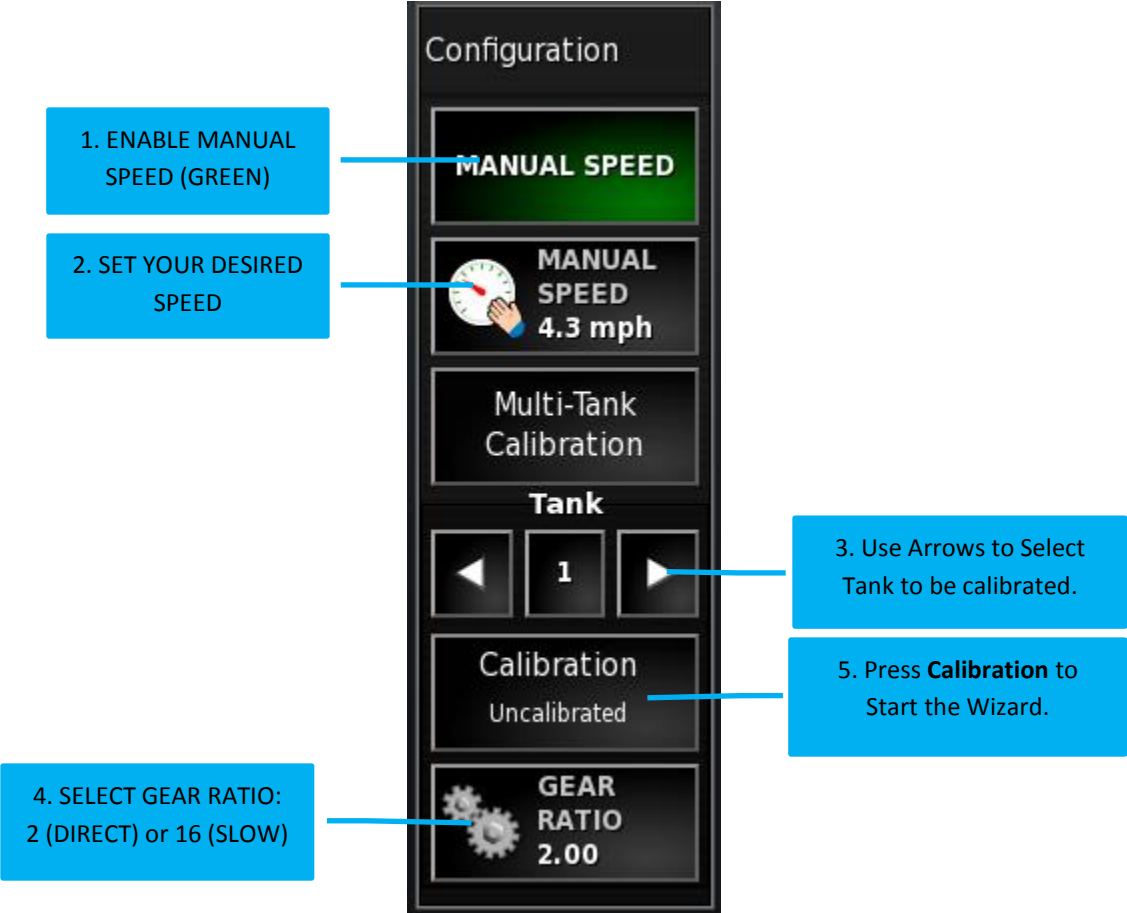


6. Press the **Topcon logo for one second** to load the Global Home screen menu.
X35 - Swipe to bring up Global Home Screens.

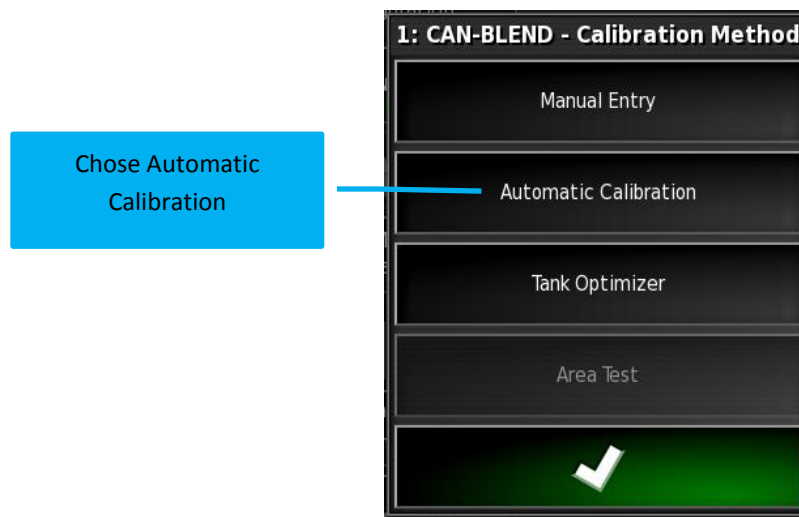


7. Navigate to the **Calibration** page.

5 – Calibration

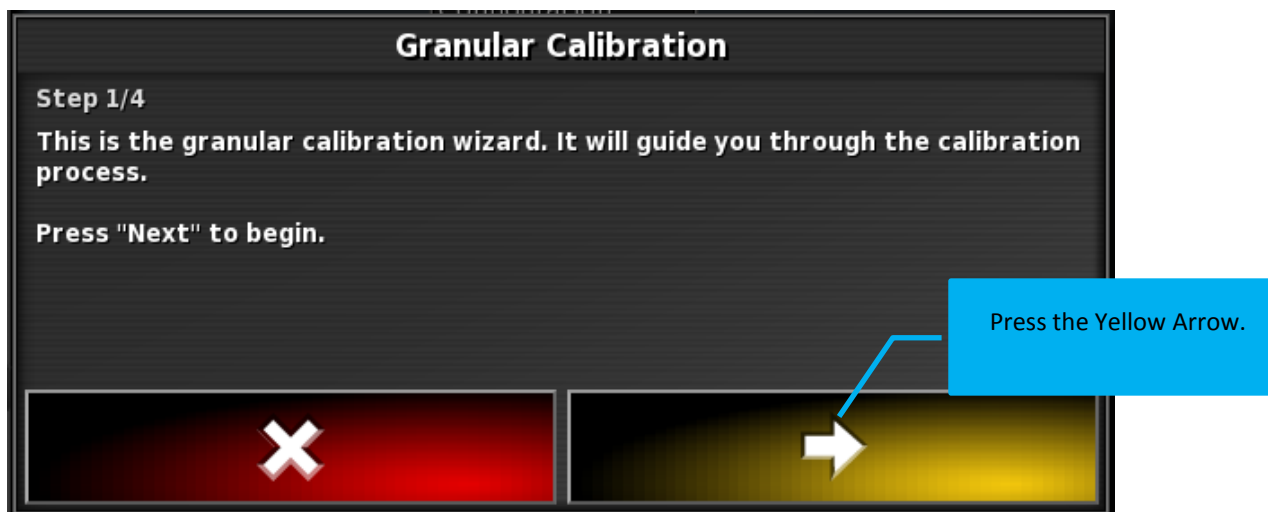


8. Follow the above step in sequence.



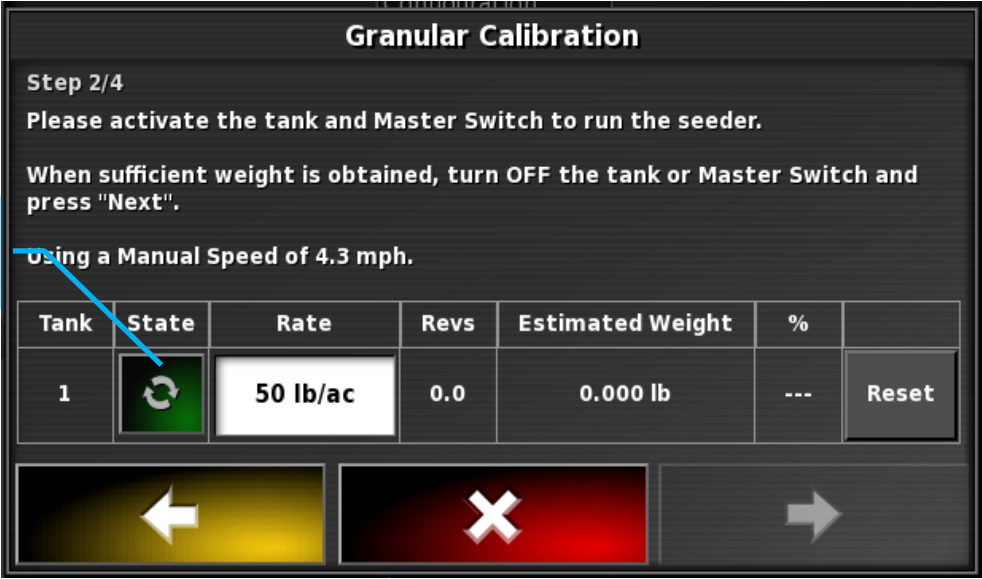
9. Calibration Method window opens

Note: Tank number and Product are present.



10. The Calibration wizard will now open. Follow the prompts.

5 – Calibration



11. GREEN indicates the Metering is Active and is ready to discharge product. The Tank Preset Rate will automatically be displayed. Change if required.



12. Activate the metering by pressing the Start/Stop button on the keypad.

5 - Calibration



13. Stand back while the metering engages and distribute the product into the sample collector.

Note: The Lights are Green when Product is flowing.



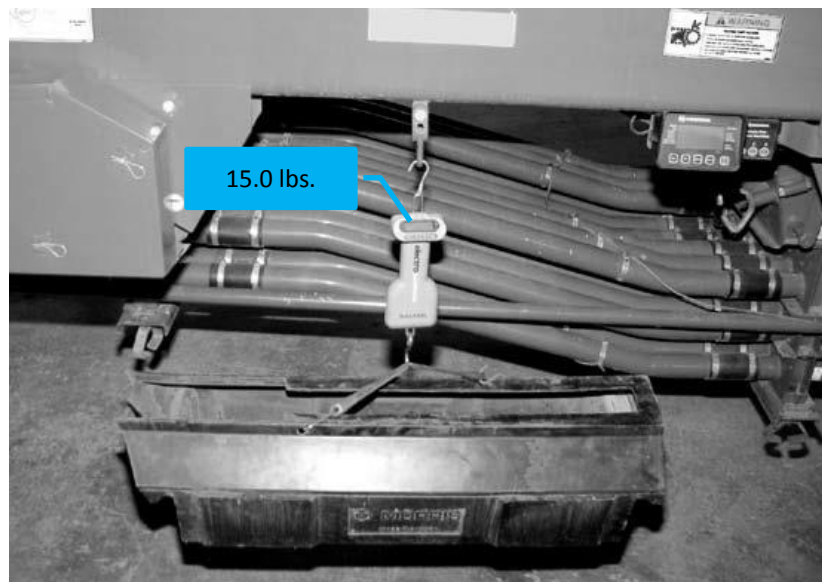
14. The **Estimated Weight** will count continuously as product is collected into the Sample Collector. Keep an eye on the collector box, fill until roughly $\frac{3}{4}$ full.

5 – Calibration



15. Stop the metering of the product by pressing the Start / Stop button.


Note: the Tank and Start / Stop colors are now Orange /Red.






16. Remove the **Collector Tray** and **Weigh the Product** using the provided scale.

Granular Calibration

Step 2/4
Please activate the tank and Master Switch to run the seeder.
When sufficient weight is obtained, turn OFF the tank or Master Switch and press "Next".
Using a Manual Speed of 4.5 mph.

Tank	State	Rate	Revs	Estimated Weight	%	
1		50 lb/ac	5.1	15.5	95	Reset

17. Return to the X30 monitor, notice the estimated weight. Proceed to the next screen by pressing the **Yellow Forward arrow**.

5 – Calibration

Granular Calibration

Step 3/4

Please enter the weight captured.

Tank	Estimated Weight	Actual Weight
1	15.500	0.000 lb

←

✖

→

Press here to enter the weight from the scale

18. Press the **Actual Weight** icon to enter the proper amount of the product collected. Enter the **Weight** of the product apply the setting by pressing the Green check mark.

Granular Calibration

Step 3/4

Please enter the weight captured.

Tank	Estimated Weight	Actual Weight
1	15.500	15.000 lb

←

✖

→

19. Proceed to the next screen by pressing the **Yellow Forward Arrow**.

5 - Calibration

Granular Calibration

Step 4/4
Granular calibration is complete!
Press "Okay" to accept the values.

Confirm the Cal factor by pressing the Save Icon.

Tank	Old Factor	New Factor	Difference	Save
1	2.25 lb/rev	2.30 lb/rev	0.1 %	✗ Not Saved

←

✓

20. Press the on the **Not Saved** icon to **SAVE** the updated Calibration Factors.

Granular Calibration

Step 4/4
Granular calibration is complete!
Press "Okay" to accept the values.

Tank	Old Factor	New Factor	Difference	Save
1	2.25 lb/rev	2.30 lb/rev	0.1 %	✓ Saved

←

✓

21. The Save status will change to **Saved**. Exit and Apply the Calibration Factor by pressing the Green check mark. It is recommends to repeat the calibration procedure 2 more times to fine tune and verify the calibration factor is accurate.

5 – Calibration



22. Notice how the new Calibration Factors are shown for Tank 1. Continue the Calibration procedure until you are satisfied with the results.

NOTES:

X35 XTEND SETUP

Locate and connect the EDIMAX AC600 Wi-Fi adapter.



Remove the USB cover from the rear of the X35 monitor.



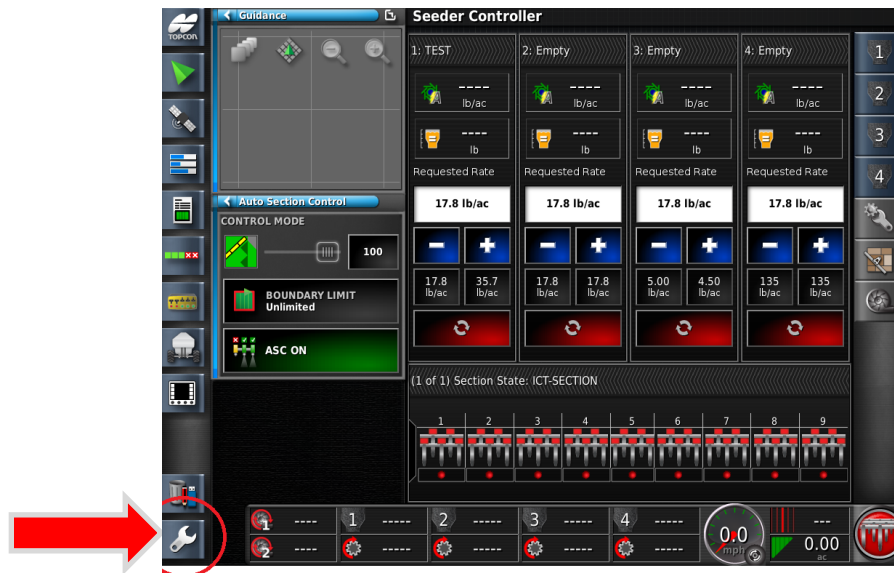
Rotate the antenna USB locking collar clockwise approximately $\frac{1}{2}$ a turn to lock into position. Note: the two notched tabs need to align.



Orientate the antenna 90° as shown.



Press the Setup wrench.



Press the following Icons - **System** - **Features** - **Licenses**.



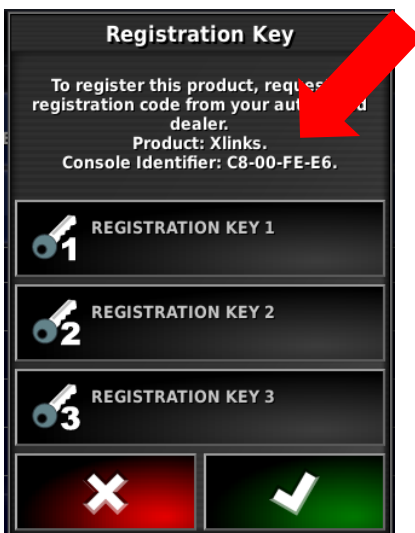
Using the **slider**, scroll down to **XTEND**.



Press the **Unlicensed** icon which is next to **XTEND** under the “Feature” column.




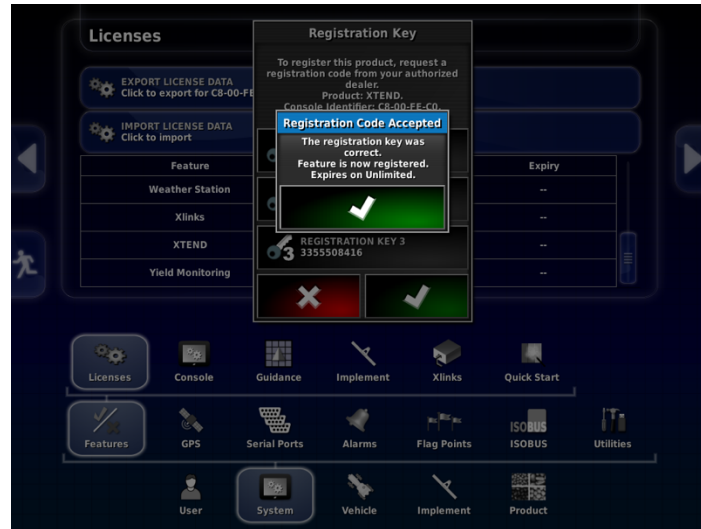
A Registration Key window will now open. Write down your unique **Console Identifier: C8-00-FE-E6 (example)**



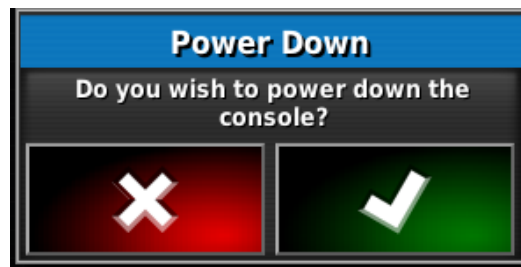
Request an unlock code from Morris Tech Support **1-877-360-4360** using your Console identifier code ID.




Enter the **Registration Keys** provided by Technical Support agent. Followed by the .



Registration Code Accepted, proceed by press the .



Power off the X35 by quickly pressing the green power button, followed by the .

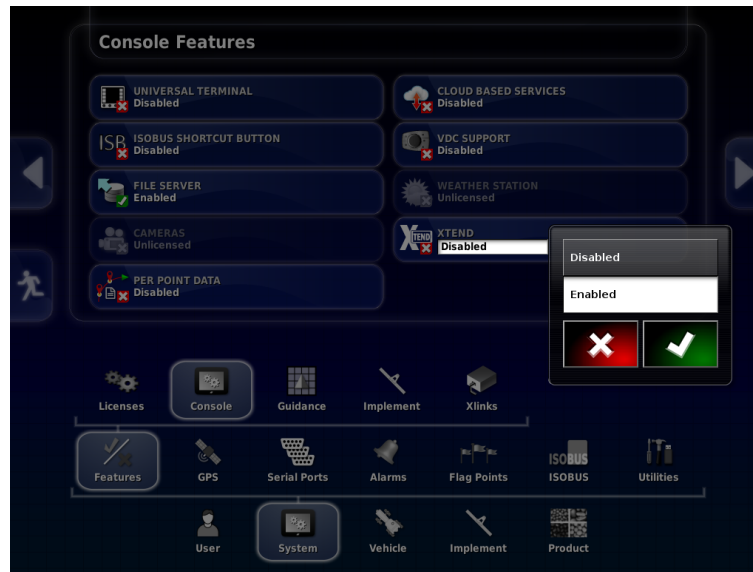
Turn the X35 Monitor ON



In the Set-up menu, Navigate from **System – Features – Console**.



Click on the **XTEND** feature. Select **Enabled**, followed by the



XTEND is now enabled.



Navigate to the new **XTEND** tab.



Click on the **CONSOLE NAME** and rename it to “X35- (Your Last Name)”.



Hit the  to confirm your name.

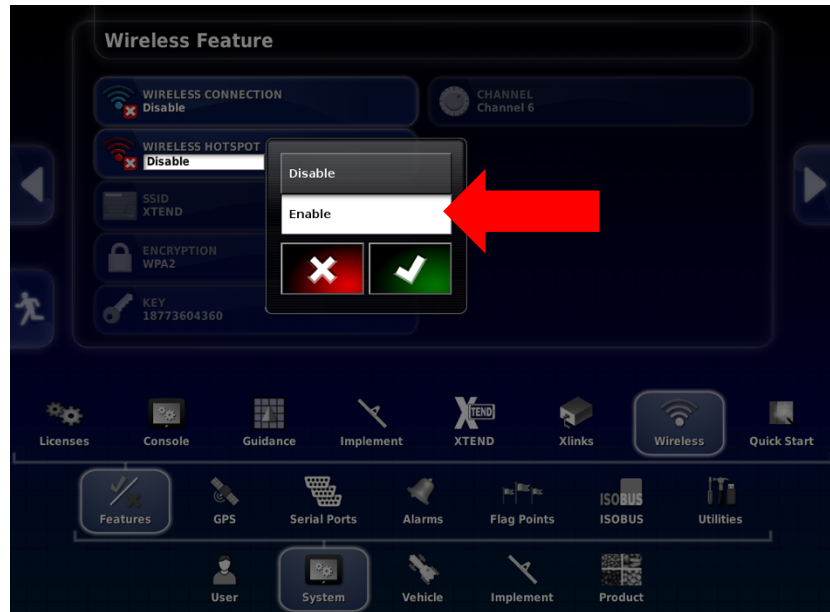
It should now show “X35- (Your Last Name)” under **CONSOLE NAME**.



Navigate to the **Wireless** tab.



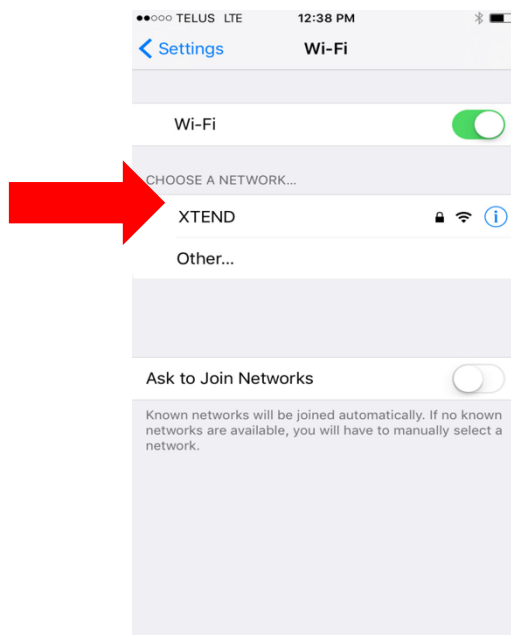
Enable the **WIRELESS HOTSPOT** by selecting **Enabled**, followed by the



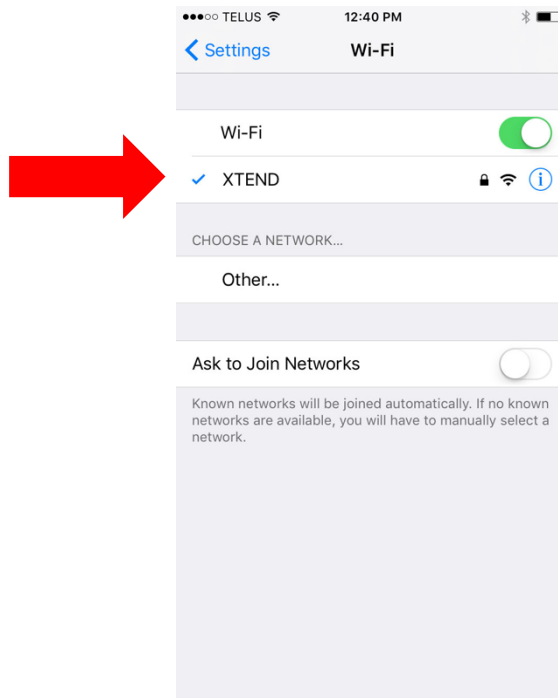
The **SSID** is the name of the Wi-Fi network you are going to search for on your phone.



The **KEY** is the password to the Wi-Fi network. Under **Settings** on your tablet or phone go to settings and select **Wi-Fi** you should see the name of your **SSID**.



Click on **XTEND** and your phone will prompt you to enter a password, enter your **KEY** from the X35 screen. The phone/tablet should now be connected to your X35's **WIRELESS HOTSPOT**.



If you don't already have the **XTEND** app download it from the **App Store** or **Google Play Store**.

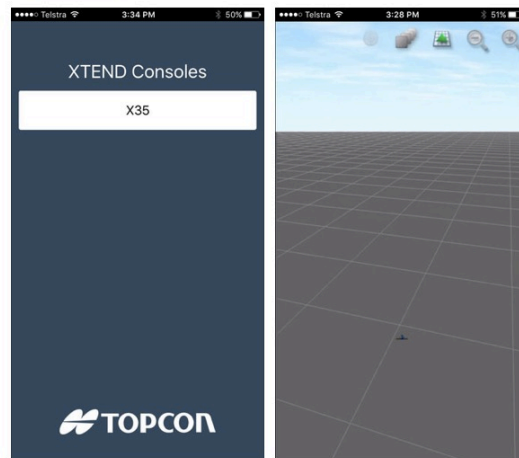
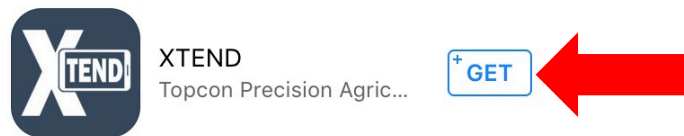
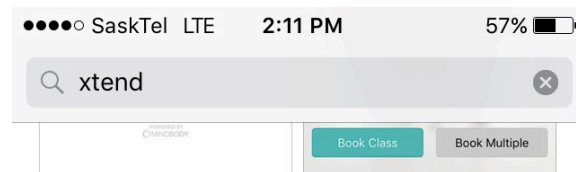


App Store



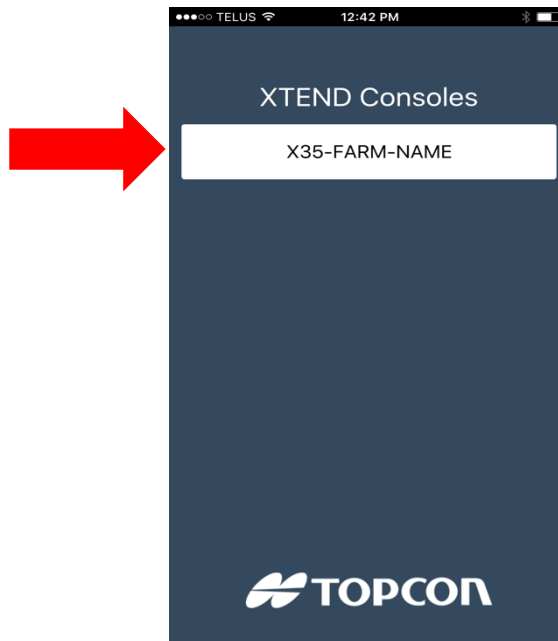
Google play

The App you are looking for looks like this, once you find it press **GET** and install to your device.

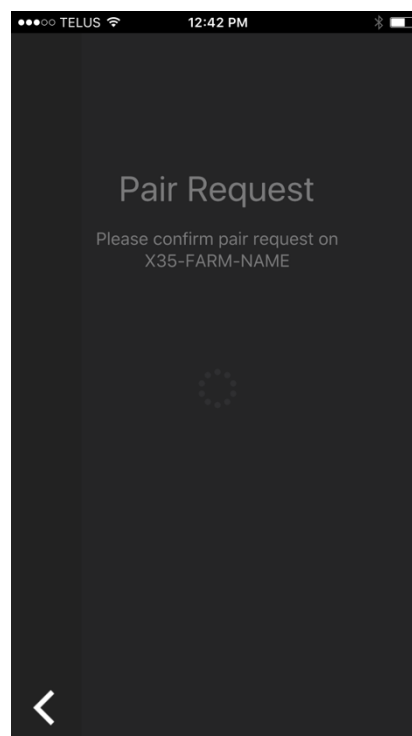


When the **XTEND** app is finished downloading open it by tapping the logo on your home screen.

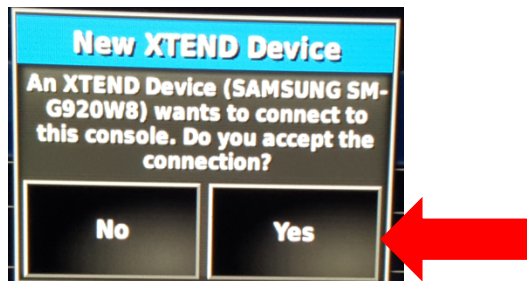
Press on the **“X35- (Your Last Name)”** button.



Your phone or tablet will now tell you to accept the pairing request on the X35 console.



On the X35 Confirm the pairing request by pressing **YES**.



The X35 is now paired to the XTEND app on your phone/tablet.

